

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
14 July 2005 (14.07.2005)

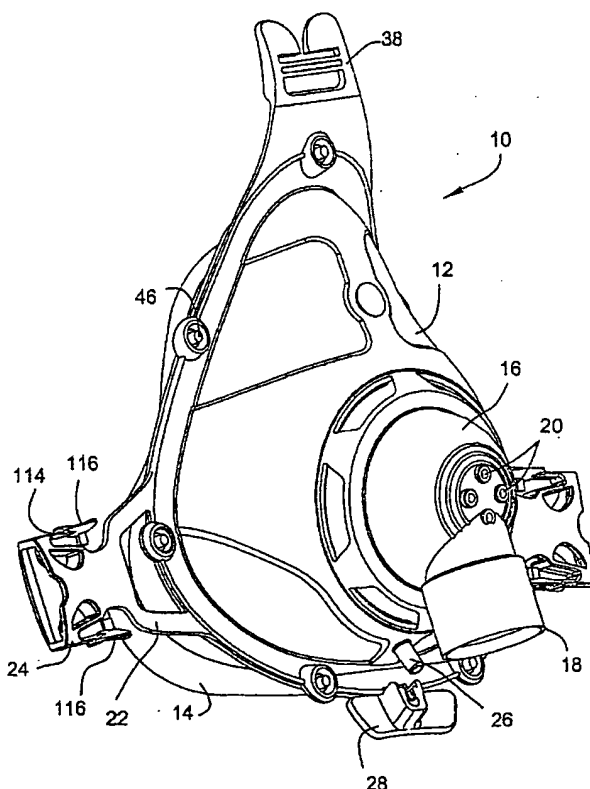
PCT

(10) International Publication Number  
**WO 2005/063327 A1**

- (51) International Patent Classification<sup>7</sup>: **A61M 16/06**, **A62B 7/00**, **9/02**
- (21) International Application Number:  
PCT/AU2004/001813
- (22) International Filing Date:  
22 December 2004 (22.12.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
- |                   |                               |    |
|-------------------|-------------------------------|----|
| 60/533,229        | 31 December 2003 (31.12.2003) | US |
| 60/571,488        | 17 May 2004 (17.05.2004)      | US |
| 60/588,341        | 16 July 2004 (16.07.2004)     | US |
| 60/619,022        | 18 October 2004 (18.10.2004)  | US |
| PCT/AU2004/001760 | 15 December 2004 (15.12.2004) | AU |
- (71) Applicant (for all designated States except US): **RESMED LIMITED** [AU/AU]; 97 Waterloo Road, North Ryde, New South Wales 2113 (AU).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **GING, Anthony, Michael** [AU/CA]; 2745 West 2nd Avenue, Vancouver, British Columbia V6K 1K2 (CA). **WORBOYS, David, John** [AU/AU]; c/o ResMed Limited, 97 Waterloo Road, North Ryde, New South Wales 2113 (AU). **SMART, Gregory, Scott** [AU/AU]; c/o ResMed Limited, 97 Waterloo Road, North Ryde, New South Wales 2113 (AU). **DANTANARAYANA, Muditha, Pradeep** [LK/AU]; c/o ResMed Limited, 97 Waterloo Road, North Ryde, New South Wales 2113 (AU). **SNOW, John, Michael** [AU/AU]; 85 Belmont Road, Mosman, New South Wales 2088 (AU). **STALLARD, Philip, Thomas** [AU/AU]; c/o ResMed Limited, 97 Waterloo Road, North Ryde, New South Wales 2113 (AU).

[Continued on next page]

(54) Title: MASK SYSTEM



(57) Abstract: Mask system includes frame (12), cushion (14), cushion clip (44), swivel elbow (16), headgear (124) and/or headgear clips (106) configured for use in a clinical or hospital environment. One or more components of the mask system configured to promote single patient use, for example, by providing an age indicator preventing disassembly, or cleaning.

WO 2005/063327 A1



(74) Agents: DAVIDSON, Geoffrey, Robert et al.; Halford & Co, Level 7, 1 Market Street, Sydney, New South Wales 2000 (AU).

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*